

Readopt with amendment Env-A 1900, effective 4-1-97 (Doc. #6483-B), to read as follows:

CHAPTER Env-A 1900 INCINERATORS *AND WOOD WASTE BURNERS*

Statutory Authority: RSA 125-C:4,; RSA 125-C:6, II; ***and*** XIV,; RSA 125-C:11, I,; RSA 125-C:12, IV

PART Env-A 1901 PURPOSE

Env-A 1901.01 Purpose. The purpose of this chapter is to regulate the operation and modification of new and existing incinerators ***and wood waste burners***.

PART Env-A 1902 ~~SCOPE~~*APPLICABILITY, EXEMPTIONS, AND REFERENCES*****

Env-A 1902.01 ~~Scope~~***Applicability***.

(a) ***Except as provided in (b), below, this partchapter*** shall apply to the owner or operator of:

(a1) Any incinerator required to obtain a permit pursuant to:

~~(1)~~ Env-A 607.01,;

~~(2)~~ Env-A 608.01,; or

~~(3)~~ Env-A 609.01,; ***or***

~~(b) Incinerators meeting the applicability of 40 CFR 60, Subpart E.~~

~~—— (c) Municipal waste combustors meeting the applicability of:~~

~~(1) 40 CFR 60, Subpart Ea; or~~

~~(2) 40 CFR 60, Subpart Ebb.~~

~~—— (d) Incinerators combusting sewage sludge meeting the applicability of 40 CFR 60, Subpart O.~~

~~—— (e) Incinerators combusting hazardous waste.~~

~~—— (f2) A Wwood waste burners.~~

(b) ***This chapter shall not apply to the owner or operator of:***

(1) ***An incinerator combusting hazardous waste subject to 40 CFR 264, Subpart O, including all revisions and amendments through April 1, 1983;***

(2) ***An incinerator subject to 40 CFR 60, Subpart E;***

(3) ***A municipal waste combustor subject to 40 CFR 60, Subpart Ea or 40 CFR 60, Subpart BBBB; or***

(4) ***An incinerator combusting sewage sludge subject to 40 CFR 60, Subpart O.***

Env-A 1902.02 Exemptions. ***The owner or operator of a municipal wood waste burner shall be exempt from other provisions of Env-A 1900 provided that the owner or operator complies with the provision established for incinerators as specified in Env-A 1903.01(a) and Env-A 1904.01, below.***

Env-A 1902.03 References. *For the purpose of this chapter, unless otherwise specified, the July 1, 2004 edition of title 40 of the Code of Federal Regulations (CFR) shall control all references to 40 CFR 264.*

PART Env-A 1903 VISIBLE EMISSION STANDARD FOR INCINERATORS AND WOOD WASTE BURNERS

Env-A 1903.01 Visible Emission Standard for Incinerators and Wood Waste Burners.

(a) ***For incinerators,*** ~~No the~~ owner or operator shall ***not*** allow average visible emissions of an incinerator to exceed 20 percent (%) opacity for any continuous 6-minute period ~~in any 60-minute period,~~ ***except for one period of 6 continuous minutes in any 60-minute period during startup, shutdown, or malfunction.***

(b) ***For wood waste burners installed, reconstructed, or significantly altered after April 15, 1970, the owner or operator shall not allow average visible emissions to exceed 40% opacity for any continuous 6-minute period, except for one period of 6 continuous minutes in any 60-minute period during startup, shutdown, or malfunction.***

~~(b)~~ (c) Opacity shall be determined in accordance with Env-A 807.

PART Env-A 1904 PARTICULATE MATTER EMISSION STANDARDS FOR INCINERATORS AND WOOD WASTE BURNERS

Env-A 1904.01 Particulate Matter Emission Standards for Incinerators Installed Prior to or On April 15, 1970. ~~For incinerators installed prior to April 15, 1970, no owner or operator shall allow:~~

(a) ***For an incinerator with an input capacity of less than or equal to 90.72 kilograms per hour (kg/hr) or (200 pounds, or less, per hour (lb/hr)), input capacity the owner or operator shall not allow the incinerator to emit more than 0.675 grams per dry standard cubic meter (g/dscm), (0.3 grains of particulate matter per standard cubic foot (grains/scf)) of dry flue gas corrected to 12% percent of carbon dioxide (CO₂), without the contribution of carbon dioxide CO₂ from auxiliary fuel; and.***

(b) ***Except as provided in (c), below, for an incinerator with an input capacity of over greater than 90.72 kilograms per hour kg/hr or (200 pounds per hour lb/hr) input capacity, the owner or operator shall not allow the incinerator to emit more than 0.45 grams per dry standard cubic meter g/dscm, (0.2 grains of particulate matter per standard cubic foot grains/scf), of dry flue gas corrected to 12% percent carbon dioxide CO₂, without the contribution of carbon dioxide CO₂ from auxiliary fuel.***

(c) ***For an incinerator installed after August 17, 1971 with an input capacity of greater than or equal to 1,875 kg/hr (4,134 lb/hr), the incinerator shall comply with the requirements of 40 CFR 60, Subpart E rather than the requirement specified in (b), above.***

~~Env-A 1904.02 Emissions Standards For Incinerators Constructed, Installed, or Substantially Altered After April 15, 1970. For incinerators constructed, installed, or substantially altered after April 15, 1970, no owner or operator shall allow:~~

~~— (a) An incinerator of 90.72 kilograms per hour or 200 pounds per hour input capacity and less to emit more than 0.675 grams per dry standard cubic meter, 0.3 grains of particulate matter per standard cubic foot, of dry flue gas, corrected to 12 percent carbon dioxide, without the contribution of carbon dioxide from auxiliary fuel; and~~

~~—— (b) An incinerator of over 90.72 kilograms per hour or 200 pounds per hour input capacity but less than 1814.4 kilograms per hour or 4000 pounds per hour input capacity to emit more than 0.45 grams per dry standard cubic meter, 0.2 grains of particulate matter per standard cubic foot, of dry flue gas corrected to 12 percent carbon dioxide, without the contribution of carbon dioxide from auxiliary fuel.~~

~~—— Env A 1904.03 Incinerators Combusting Hazardous Waste. An owner or operator of an incinerator combusting hazardous waste shall comply with all of the requirements contained in the USEPA Regulations for Owners and Operators of Permitted Hazardous Waste Facilities, 40 CFR 264, Subpart O, including all revisions and amendments through April 1, 1983.~~

~~Env-A 1904.04~~***1904.02 Particulate Matter*** Emission Standards for Wood Waste Burners ~~Installed, Reconstructed, or Substantially Altered After April 15, 1970.~~ For wood waste burners installed, reconstructed, or substantially altered after April 15, 1970,

~~—— (a) No owner or operator shall allow visible emissions from any wood waste burner to exceed 40 percent opacity for any continuous 6 minute period in any 60 minute period.~~

~~—— (b) The owner or operator shall determine opacity in accordance with Env A 800.~~

~~—— (c) No~~ ***the*** owner or operator shall ***not*** allow particulate matter to be discharged into the ambient air from any waste burner which exceeds 0.675 grams per dry standard cubic meter ~~g/dscm~~, (0.3 grains per standard cubic foot ~~grains/ft³~~), of dry flue gas corrected to 12% percent carbon dioxide ~~CO₂~~, without contribution of carbon dioxide ~~CO₂~~ from an auxiliary fuel.

PART Env-A 1905 HYDROGEN CHLORIDE EMISSION STANDARDS FOR INCINERATORS

~~Env-A 1904.05~~***1905.01 Hydrogen Chloride; (HCl); Emission Standards for Incinerators.***

(a) For installations completed on or after January 1, 1986, ***the owner or operator shall comply with the Hydrogen chloride (HCl) emission standards in (c), below, if*** ~~shall apply to:~~

(1) ***The*** ~~incinerator~~ modules having a design throughput capacity of ***greater than or equal to 4,000 lb/hr*** ~~pounds per hour, (48 tons per day (tons/day)), or greater;~~

(2) ***The*** ~~incinerator~~ facilities consisting of multiple modules, having an ***aggregate*** design throughput of ***greater than or equal to 8,333 lb/hr*** ~~pounds per hour, (100 tons/day), or greater;~~ and

(3) ***The*** ~~incinerators~~ burning Type 5 ~~and~~ 6 waste, regardless of size.

(b) For installations completed prior to January 1, 1986, ***the owner or operator shall comply with the HCl emission standards in (c), below, if*** ~~shall apply to:~~

(1) ***The*** ~~incinerator~~ modules having a design throughput capacity of ***greater than or equal to 4,000 lb/hr*** ~~pounds per hour, (48 tons/day), or greater;~~ and

(2) ***The*** ~~incinerator~~ facilities consisting of multiple modules, having an ***aggregate*** design throughput of ***greater than or equal to 12,500 lb/hr*** ~~pounds per hour, (150 tons/day), or greater.~~

(c) ***The owner or operator of an incinerator meeting the requirements of (a) or (b), above, shall comply with the following*** HCl emission standards, based on a 3-run stack test using a method approved by the ~~division~~***department*** ~~shall be as follows:~~

- (1) Average emission level of 50 ***parts per million dry volume*** (ppm dv) at 7% ***oxygen (O₂)***; or
- (2) 90% HCl removal efficiency, whichever is less stringent.

(d) ***The owner or operator of an incinerator burning solely type 7 waste shall be*** Exempted from the ***HCl*** emission standards ***in (c), above*** shall be:

- (1) ~~Incinerators burning municipal sludge, Type 7 refuse; and~~
- (2) ~~Hazardous waste incinerators, subject to Env A 1904.03.~~

~~Env A 1904.06 ***New Source Performance Standards***. Owners and operators of:~~

~~—— (a) Incinerators meeting the applicability criteria shall comply with all requirements of the USEPA Standards of Performance for Incinerators, 40 CFR 60, Subpart E.~~

~~—— (b) Incinerators combusting sewage sludge and meeting the applicability criteria shall comply with all requirements of the USEPA Standards of Performance for Sewage Treatment Plants, 40 CFR 60, Subpart O, dated July, 1995.~~

~~—— (c) Municipal waste combustors meeting the applicability criteria shall comply with all requirements of the USEPA Standards of Performance for Municipal Waste Combustors, 40 CFR 60, Subpart Ea, dated July 1, 1995 as amended by 60 FR 65382 et. seq.~~

~~—— (d) Municipal waste combustors meeting the applicability criteria shall comply with all requirements of the USEPA Standards of Performance for Municipal Waste Combustors for which Construction is Commenced After September 20, 1994, 40 CFR 60, Subpart Ebb, 60 FR 65382 et. seq.~~

PART Env-A 1905***1906*** NAME PLATES, INSTRUCTIONS, OPERATOR COMPETENCE, FEES,
MONITORING, EXEMPTIONS, PERMITS, TESTING, RECORD KEEPING AND
REPORTING ***POSTING AND OPERATOR REQUIREMENTS***

Env-A 1905.01***1906.01*** Name Plate and Instruction Posting Requirements.

(a) The owner or operator ***of an incinerator or wood waste burner*** shall install the manufacturer's name plate in a conspicuous place on the ~~incinerator device~~, giving model number, rated capacity, and the types of waste for which the device is designed.

(b) The owner or operator ***of an incinerator or wood waste burner*** shall post detailed instructions for the operation of ~~each incinerator~~ ***the device*** in a conspicuous place near the device.

Env-A 1905.02***1906.02*** Trained and Competent Operator Required. The owner or operator ***of an incinerator or wood waste burner*** shall have an individual, trained and competent in the operation of the incinerator, in charge of the stationary source.

~~Env A 1905.03 ***Exemptions***. Municipal wood waste burners shall be exempt from other provisions of Env A 1900 provided that they comply with the provision established for incinerators as specified in Env A 1903.01 and Env A 1904.01 above.~~

~~—— Env A 1905.04 ***Permit, Fee, Testing, Monitoring, Recordkeeping and Reporting Requirements***. Owners and operators of devices subject to this part shall comply with the following:~~

~~—— (a) Permit requirements specified in Env A 600.~~

- ~~—— (b) Fees established in Env A 700.~~
- ~~—— (c) Testing and monitoring requirements specified in Env A 800.~~
- ~~—— (d) Recordkeeping and reporting requirements specified in Env A 900.~~

Appendix

Provision of the Proposed Rule	Specific State or Federal Statutes or Regulations which the Rule is Intended to Implement
Env-A 1901.01 through 1904.01	RSA 125-C:4, I(a); RSA 125-C:6, II
Env-A 1904.02 (existing 1904.04 renumbered as 1904.02)	RSA 125-C:4, I(a); RSA 125-C:6, II
Env-A 1905.01 (existing 1904.05 renumbered as 1905.01)	RSA 125-C:4, I(a); RSA 125-C:6, II
Env-A 1906.01 and 1906.02 (existing 1905.01 and 1905.02 renumbered as 1906.01 and 1906.02)	RSA 125-C:4, I(a); RSA 125-C:6, II